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DERWENT-WEEK: 200314

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TITLE: Liquid crystal display and its fabrication

INVENTOR: HWANG, G J; SEO, H S

PATENT-ASSIGNEE: LG PHILIPS LCD CO LTD[GLDS]

PRIORITY-DATA: 2001KR-0011801 (March 7, 2001)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE
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KR 2002071643 A	September 13, 2002	N/A
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APPLICATION-DATA:

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KR2002071643A	N/A	2001KR-0011801
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INT-CL (IPC): G02F001/136

ABSTRACTED-PUB-NO: KR2002071643A

BASIC-ABSTRACT:

NOVELTY - A liquid crystal display and a method for fabricating the same are provided to increase the selection range of wire materials by forming pixel electrodes with PEDOT (Polyethylene-dioxythiophene) to prevent the exposure damage of gate wires formed of aluminum or copper and prevent the diffusion of metal into a liquid crystal layer by covering the gate wires.

DETAILED DESCRIPTION - A liquid crystal display includes gate wires and gate pads formed in active and pad areas on a first substrate, data wires and data pads intersecting the gate wires, gate electrodes extended from the gate wires, source/drain electrodes extended from the data wires, organic pixel

electrodes (119a) formed in pixel areas to be connected to the drain electrodes,

an organic conductive film (119b) connected to the gate pads and data pads, and

a liquid crystal layer formed between the first substrate and a second

substrate facing the first substrate with a predetermined distance.

CHOSEN-DRAWING: Dwg.1/10

TITLE-TERMS: LIQUID CRYSTAL DISPLAY FABRICATE

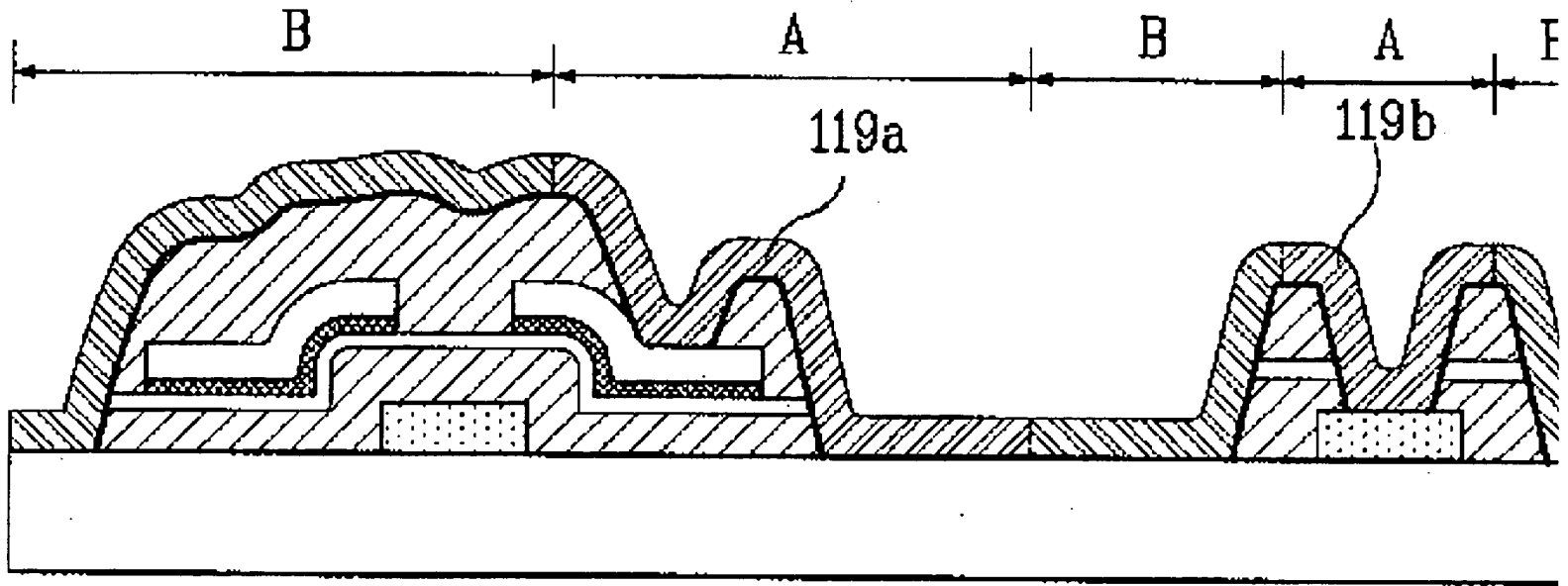
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